



The European Innovation Network for Manufacturing

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Co-funded by the
European Union



eitmanufacturing.eu

Horizon Europe





Introduction

The manufacturing industry is a global base for prosperity and key to Europe's economic, social and environmental sustainability.

The sector is a main driver of industrial innovation, job creation and growth for European society.

Manufacturing – A base for prosperity in EU

2.1M+

enterprises

€7.11Tr

in turnover

32M

jobs (16% of the total
EU working population)

13M

Jobs in the growing
high-tech manufacturing

16.1%

Share of EU-28 GDP (2016)

80%

of EU exports



Our vision

Global manufacturing innovation is led by Europe.

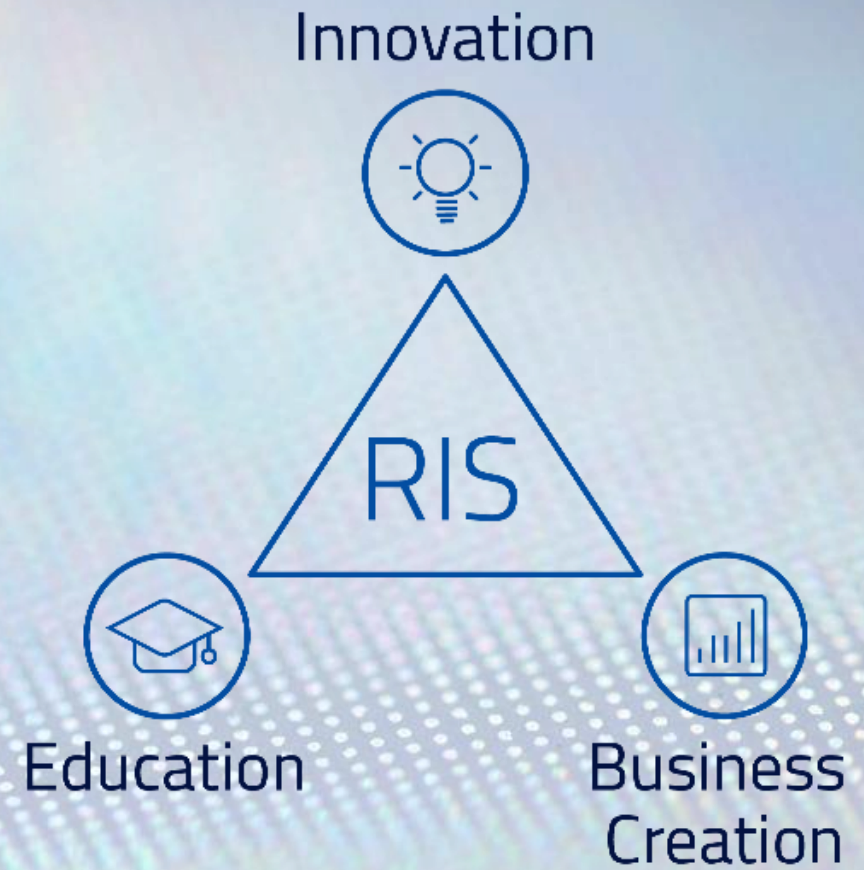


Our mission

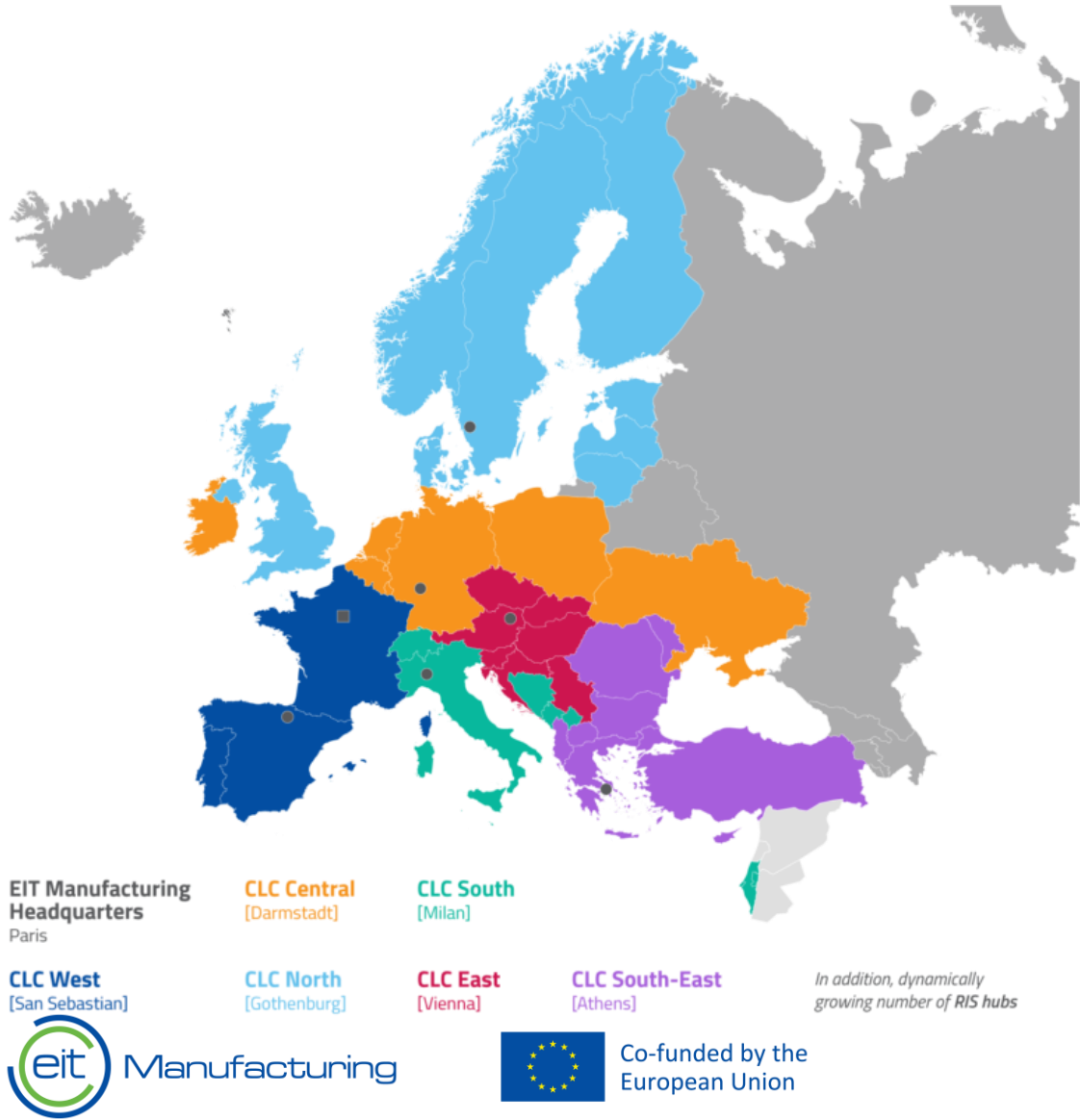
Bring together manufacturing actors across Europe to integrate innovation and education for an entrepreneurial and sustainable Europe.

The strengths of EIT Manufacturing

To ensure that innovations reach the market, industry has the right talent and entrepreneurs can thrive, EIT Manufacturing connects and integrates the areas of education, innovation and business creation and the Regional Innovation Scheme (RIS).



European Network



Powerful Partnership: 100+ partners from 20+ countries

Industry

58%

ELECTRONICS AND DIGITAL



Atos

TIM
GRUPPO TIM

Reply
santer

VIGO
PHOTONICS

thinkin

ROBOTICS

KUKA

ISYBOT
Agile automation



emphaxis
DigiWorld



BRIGHT
CAPE
SMALL & BIG DATA SOLUTIONS

ICEBERG⁺

Wiferion
efficient wireless power

AUTOMOTIVE

MAGNA

Bonfiglioli

brembo.



AEROSPACE

Avio Aero

IDEC⁺

AERnova



MACHINERY & EQUIPMENT

ARITEX
Engineering since 1961

inspire

LINPRA

fives
ultimate machines
ultimate factory

Systemic
Intelligence

PBN
advanced management



BBM GROUP
Moving forward

TANALS

POGGIOLINI

PRIMA
INDUSTRIE

CLEANTECH
BULGARIA

TEC Eurolab
we make you feel sure

FESTO

CONSUMER GOODS, MEDICAL EQUIPMENT AND PROCESS INDUSTRIES



stryker[®]

Whirlpool

MC
Sonae

ArcelorMittal

voestalpine
ONE STEP AHEAD.

IS CLEANAIR[®]
BREATHE YOUR LIFE

itemalab

OTHER



Universities

23%

ARTS
ET MÉTIERS
ParisTech

SUPSI

PW
TU DARMSTADT

CENTRALE
NANTES

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



TU Delft

POLITECNICO
MILANO 1863

GRENOBLE
INP
UGA

RUB

CTU
CZECH TECHNICAL
UNIVERSITY
IN PRAGUE

STU
SLOVAK UNIVERSITY OF
TECHNOLOGY IN BRATISLAVA

CHALMERS
UNIVERSITY OF TECHNOLOGY

Politecnico
di Torino

Aalto University



LMS
Laboratory for
Manufacturing Systems
& Automation

TU
WIEN

Technische
Universität
Braunschweig

ALMA MATER STUDIUM
UNIVERSITÀ DI BOLOGNA

RTOs

19%

Fraunhofer

IPC

RISE

eurecat

VTT

INESCTEC

tecnal:a
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

HIT
HUB INNOVAZIONE TRENTINO

Jožef Stefan Institute
Ljubljana, Slovenia

ART-ER
ATTRACTIVENESS
RESEARCH
TERRITORY

Manufacturing
alliance

BIBA

cea

Cefriel
POLITECNICO DI MILANO

Łukasiewicz
PIAP

JOANNEUM
RESEARCH

As of March 2023

A strong interdisciplinary and trusted network!

Network



Connecting industry with solution providers

One challenge and four windows of opportunity:



Companies fund their own
PoCs / Implementations

Corporates, Mid-caps and
SMEs submit their challenges
and the Business Creation
teams scout according to the
individually agreed time-lines

=> Solutions can be
implemented in shorter than
6 months



Companies submit their
challenges for intl. awards

Corporates, Mid-caps and
SMEs may deal their solution
implementation publicly (in
the BoostUp! BRIDGE
competition

=> Solutions can be awarded
with up to 30.000€ co-
funding



Companies intend to
participate in consortia for
implementation projects

Challenge owners may apply
in EIT Manufacturing's CfPs
to look for implementation
and application partners in
European scale

=> Accepted proposals
receive funding from EIT
Manufacturing

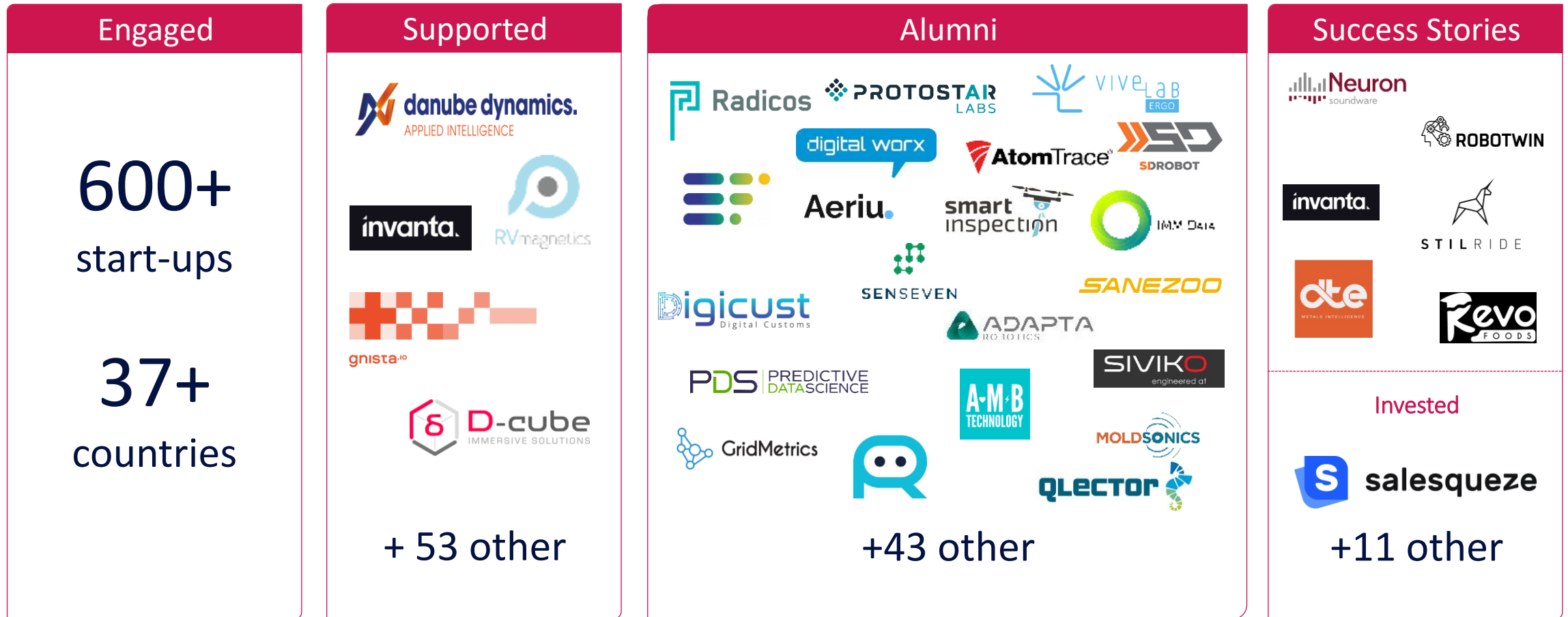


Companies are looking for
innovations to be further
developed into TRL >6

Challenge owners would
need R&D capacities to
further develop solution of
lower TRL status into
commercial prototypes

=> EIT Manufacturing
supports building
international consortia and
respond to Horizon Europe

The future of Manufacturing – our young companies network



Discover Vienna: Manufacturing Edition

8 selected start-ups from 6 countries



Discover Vienna Manufacturing Edition

Ready to join a programme for thriving start-ups & scale ups that have solutions for manufacturing?

- ✓ Two weeks intensive programme in Vienna (3rd – 16th November 2021)
- ✓ Two months mentoring and coaching support
- ✓ Two weeks free office space at EIT Manufacturing in Vienna

Apply now!

powered by in cooperation with

Co-funded by the European Union

Discover Vienna
Manufacturing Edition








Partnering Organisations



Connecting industry with Start-ups

Open Call – BoostUp! Bridge

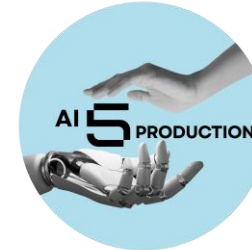


BoostUp! Bridge Editions	Corporate	Description of the industrial challenge
 BoostUp! Tech		Sharing assets and production process between different manufacturers and associated business model and technical solutions.
 BoostUp! Green		Measuring and Modelling CO2 emissions of direct material suppliers (from cradle to gate, including recycling).A
 BoostUp! Corporate		Designing and implementing a process to measure and drive the energy efficiency and performance of a painting process line at an industrial plant in Italy.
		Implementation of an AI driven solution to model, analyse and optimize the shelf life of products.

Finalists



External Projects – EIT Manufacturing East



Creating a multilocation, digital connected European Production Giganet based on Gaia-X	Bringing Austria's manufacturing industry closer to EIT Manufacturing and its European activities	Quick, challenge-driven, human-centred Co-Creation Mechanism for Industry-Academia Collaborations	European Digital Innovation Hub for the digital transformation of manufacturing companies	The digital networking of the production sites and production processes of 3 pilot factories (AT) using Gaia-X
2021 – 2025	2021 - 2026	2022 - 2025	2022 - 2025	2023 - 2025
Total Volume: 8.6 Mio. € Total Funding: 5.0 Mio. €	Total Volume: 2 Mio. € Total Funding: 1 Mio. €	Total Volume: 2 Mio. € Total Funding: 2 Mio. €	Total Volume: 4.3 Mio. € Total Funding: 4.3 Mio. €	Total Volume: 1.9 Mio. € Total Funding: 1.5 Mio. €
www.euprogigant.com	www.mitic.at	www.indusac.eu	www.ai5production.at	www.amids.at

External Projects – EIT Manufacturing East

PreMETS

An alliance for boosting the European Innovation in Predictive Maintenance through entrepreneurial cooperation, education, and training

2023 – 2026

Total Volume: 1.7 Mio. €
Total Funding: 1.4 Mio. €

tbd.

EuProGigant Theia

Interoperable, decentralized data and service ecosystems to enable sustainable production spaces.

2023 - 2025

Total Volume: 2.6 Mio. €
Total Funding: 1.8 Mio. €

www.euprogigant.com



... and many more proposals in the pipeline!

The value of EIT Manufacturing

gaia-x  Creating a European Data Ecosystem



dione-x



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- Join us today!
- 1,600+ members and counting!

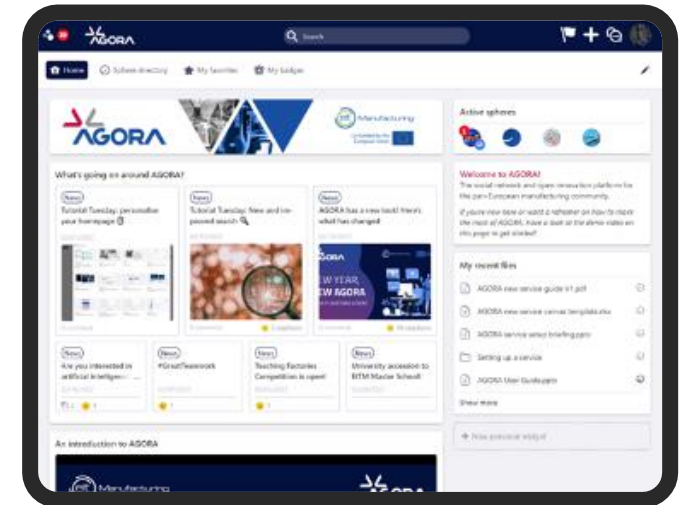


Open innovation and networking

Latest tech developments,
industrial use cases,
insights and discussions

Networking
and meeting

One-stop shop for EITM
& Manufacturing news
and activities



<https://agora-eitmanufacturing.eu>

Upcoming: Data Bites

- 05 April: Machine Learning in Industry 4.0
- 24 April: Blockchain in Manufacturing
- 11 May: Sustainability Reporting



5
April
2023

12:00 - 13:00 CEST
Online free webinar on:

Data Bites

**Machine Learning
in Industry 4.0**
with Simeon Harrison

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European Union

Upcoming Events:

- **B2B Software Days:** 08-10 May, Vienna, Austria
 - Sponsoring Package
 - Session on 09 May
- **Going Green – CARE Innovation:** 08-11 May, Vienna Austria
 - EIT Manufacturing Session on 09 May
- **7. Summit Platform Industry 4.0 Austria:** 23 May, Tulln, Lower Austria
 - Booth in Exhibition Area



ViennaUP'23

- Connect Day: 31 May, Vienna Austria
- Manufacturing Day: 01 June, Vienna Austria
- Discover Vienna: Manufacturing Edition 2023:
30 May – 02 June, Vienna, Austria
- BoostUp! East 2023 Finals:
01 June, Vienna, Austria



